



Join us the second Thursday of every month for a series of "brown bag" seminars, sponsored by the National Renewable Energy Laboratory and the U.S. Department of Energy. Each seminar is held at NREL's Washington office with a videoconference link to Golden, Colorado. Topics focus on new and innovative renewable energy and energy analysis strategies, models, and technologies.



Energy Analysis Seminar Series

A "brown bag" analytical seminar series

Global Competitiveness in Fuel Economy and Greenhouse Gas Emission Standards for Vehicles

Amanda Sauer

Sustainable Enterprise Program, World Resources Institute

Thursday, February 10, 2005

Noon – 1 p.m. (in Washington, D.C.)

10 – 11 a.m. (videoconference in Golden, Colo.)

Nine major regions around the world have implemented or proposed various fuel economy and greenhouse gas (GHG) emission standards, including China and California. Yet these standards are not easily comparable, due to differences in policy approaches, test-drive cycles, and units of measurement. Amanda Sauer's talk describes a recent paper released by the Pew Center on Global Climate Change, which develops a methodology to compare these programs and better understand their relative stringency. Key findings from the report include:

- The European Union (EU) and Japan have the most stringent standards in the world.
- The fuel economy and greenhouse gas emission performance of the U.S. automobile fleet — both historically and projected based on current policies — lag behind most other nations. The United States and Canada have the lowest standards in terms of fleet-average fuel economy rating, and they have the highest greenhouse gas emission rates based on the EU testing procedure.
- If the California GHG standards go into effect, they would narrow the gap between U.S. and EU standards, but the California standards would still be less stringent than the EU standards.

This seminar will discuss these findings and others in more detail.

Amanda Sauer is an associate in the Sustainable Enterprise Program at the World Resources Institute (WRI). She has worked for four years on the issue of environment and finance, coauthoring the *Changing Oil and Changing Drivers* reports, as well as recent reports on the European auto industry, the new Chinese fuel economy standards, and research for the Pew Center that compares fuel economy programs around the world.



Amanda Sauer

Golden, Colo., information

1617 Cole Blvd., Golden, Colorado
Building 15, Conference Room 375

Please contact Lynne Fenn at lynne_fenn@nrel.gov or 303-384-7439

Washington, D.C., information

901 D Street SW (also the Aerospace Building, 370 L'Enfant Promenade), adjacent to the Forrestal Building

Please contact Wanda Addison at wanda_addison@nrel.gov or 202-646-5278

If you are interested in participating in the seminar via conference call, please contact Wanda Addison at wanda_addison@nrel.gov or 202-646-5278 for instructions.

